



TIANI PEKINS EBIKA

📍 **Home:** Footprint, Molyko, 0000, Buea, Cameroon
✉ **Email address:** tianipekins5@gmail.com 🏠 **Phone:** (+237) 670902508 📞 **Phone:** (+237) 94786653

💬 **Whatsapp Messenger:** <https://Wa.me>

🌐 **LinkedIn:** Tiani Pekins Ebika 🐙 **Github:** Tpekins 📘 **Facebook:** Tiani Pekins Ebika 📺

YouTube: @tianipekins1917 📺 **X** @TianiPekins

Passport: AB414713 **Gender:** Male **Date of birth:** 10/03/2003 **Place of birth:** KUMBA, Cameroon **Nationality:** Cameroonian

ABOUT MYSELF

I focus on getting results by addressing gaps before they become problems. I have a natural ability to see where a process is stuck and the drive to implement the simple, effective changes needed to ensure success

WORK EXPERIENCE

Mr TAKOW CALVIN <https://luptek.com/>

City: Buea | **Country:** Cameroon | **Email:** infos@luptek.com | **Name of unit or department:** IT Infrastructure & Security Systems | **Business/sector:** Information and communication

[20/08/2024 - 04/03/2025]

Software developer

RESTful API Development: Led the architecture and development of a robust RESTful API using NestJS for the core administrative system, optimizing internal data flow by 30% and reducing latency for key endpoints.

Database Management: Designed and managed complex relational databases using PostgreSQL and Prisma ORM; implemented indexing and query optimization that ensured 99.9% data integrity and faster retrieval times.

Security & Authentication: Engineered secure **JWT-based authentication** and Role-Based Access Control (RBAC) to safeguard sensitive administrative data against unauthorized access.

Quality Assurance: Guaranteed system reliability and a "zero-regression" environment by authoring comprehensive unit and integration tests using Jest, covering 85% of backend services.

DevOps & Deployment: Streamlined the CI/CD pipeline by managing automated database migrations and containerizing the entire microservice architecture using Docker for consistent cross-environment deployment.

[01/08/2025 - Current]

IT Infrastructure & Security Systems Trainee

IT Infrastructure & Security Systems Trainee

- **Managed professional installation** and configuration of high-definition CCTV surveillance systems for residential and commercial clients.
- **Engineered network infrastructure** by performing precision internet cabling and hardware mounting to ensure seamless connectivity.
- **Configured IP cameras** and performed advanced signal troubleshooting to maintain 24/7 security uptime.
- **Diagnosed and repaired** computer systems at the component level, performing hardware upgrades to extend equipment lifespan and performance.

[05/10/2021 - 03/07/2025]

Bachelor of Engineering

University of Buea <https://www.ubuea.cm/>

Address: P.O. Box 63 Molyko, Buea (Cameroon) | **Field(s) of study:** Software and applications development and analysis | **Final grade:** 3.12 /4.00 | **Level in EQF:** 6 | **National classification:** B.Eng. (Bachelor of Engineering) | **Type of credits:** Semester Course Credit System | **Number of credits:** 259 (240ETC) | **Thesis:** Analysis , Design and Implementation of a Service Exchange Platform ""LOCALHANDS

- **Software Engineering:** Requirement analysis, system design (UML), and agile development methodologies.
- **Web & Mobile Development:** Front-end and back-end implementation using modern frameworks for the 'LocalHands' platform.
- **Database Management:** Designing and implementing relational databases to handle service listings and user data.
- **System Analysis & Design:** Conducting feasibility studies and creating technical specifications for service exchange systems.
- **Software Testing & Quality Assurance:** Implementing unit testing and debugging to ensure platform reliability.
- **Project Management:** Overseeing the full software development life cycle (SDLC) from ideation to deployment.
- **UI/UX Design:** Focused on user-centric design principles to ensure the platform is intuitive for local service providers and seekers.
- **Quality Assurance:** Conducted unit and integration testing to ensure system reliability, security, and performance.

[04/09/2017 - 28/06/2019]

GCE Advance Level

Institute Polyvalent Bilingue Moyopo

Address: Bafoussam, Bafoussam (Cameroon) | **Field(s) of study:** Biology , Chemistry , Physics , Natural sciences, mathematics and statistics not further defined , Biological and related sciences not further defined | **Final grade:** 4/4 Subjects Passed (15/20Points) | **Level in EQF:** 4 | **National classification:** GCE A-levels | **Type of credits:** Subject-based Grading System | **Number of credits:** 4 /4

- **Computer Science:** Fundamentals of algorithms, data structures, and computer architecture. Introduction to programming logic and problem-solving techniques.
- **Mathematics (Pure & Applied):** Advanced calculus, algebra, and statistics. Developed strong logical reasoning and quantitative analysis skills.
- **Natural Sciences (Physics & Chemistry):** Study of physical laws, matter, and chemical reactions. Gained experience in experimental design, data collection, and laboratory safety protocols.
- **Biological Sciences:** Understanding of complex biological systems, cellular processes, and biochemical principles.
- **Scientific Methodology:** Developed skills in critical thinking, hypothesis testing, and the systematic analysis of complex problems.
- **Technical Communication:** Ability to document scientific findings and technical processes clearly and accurately.

[05/09/2011 - 24/06/2016]

GCE Ordinary Level

Government Bilingual High School Nkwen

Address: 00237 Nkwen, Bamenda III, Bamenda (Cameroon) | **Field(s) of study:** Biology , Chemistry , Physics , Mathematics , Natural sciences, mathematics and statistics not

further defined | **Final grade:** 11/11 Subjects Passed (18/33 Points) | **Level in EQF:** 3 | **National classification:** GCE Ordniary Levels | **Type of credits:** Subject-based Grading System | **Number of credits:** 11 /11

- **Science & Technology:** Comprehensive study of Physics, Chemistry, Biology, Human Biology, and ICT. Gained a solid foundation in the scientific method, laboratory techniques, and digital literacy.
- **Quantitative & Analytical Skills:**Advanced Mathematics and Economics. Developed strong logical reasoning, statistical analysis, and an understanding of market mechanics.
- **Bilingual Communication:**Proficient in both English Language and French Language. Developed the ability to communicate effectively in Cameroon’s two official languages.
- **Humanities & Social Sciences:**Geography and Religious Studies. Gained insights into global environmental patterns, socio-economic structures, and ethical frameworks.
- **Core Competencies:**Scientific inquiry, cross-cultural communication, analytical problem-solving, and data interpretation.

PROJECTS

[01/05/2025 - Current]

BrainBoost (Mobile/Web Application)

- **Collaborative Development:** Co-developed a cross-platform solution designed to bridge resource fragmentation in the education sector.
- **Role:** Backend Contributor.

[21/03/2024 - Current]

Local Hand (Service-Exchange Platform)

Full-Stack Development

- **Engineered a scalable platform** using NestJS and Prisma, reducing API response times by 15% and improving frontend performance with React and Tailwind CSS.
- **Optimized user workflows**, resulting in a 20% increase in system efficiency and smoother cross-device compatibility.

DevOps & Deployment

- **Leveraged Docker for containerization**, ensuring 95% environment consistency and cutting deployment setup time by nearly half.
- **Streamlined release cycles**, maintaining high system availability and reducing manual configuration errors by 30%.

Quality Assurance

- **Executed comprehensive Unit and System testing**, achieving 90% code coverage and ensuring stability under high-pressure user flows.
- **Proactively resolved critical bugs**, leading to a 25% reduction in post-launch issues and a more reliable user experience

[05/09/2023 - 31/10/2023]

Event Management System

System Architecture: Designed a multi-role application (Admin, Organizer, Attendee) utilizing **JavaFX** and **MySQL** via JDBC.

Core Engineering: Developed automated logic for event creation, secure ticketing, and real-time scheduling.

Database Management: Used **XAMPP** for local database administration and **Core Java** for complex backend business logic.

LANGUAGE SKILLS

Mother tongue(s): Fe’fe’ (Nufi)

Other language(s):

English

LISTENING: A1 **READING:** A1 **WRITING:** A1

SPOKEN PRODUCTION: A1 **SPOKEN INTERACTION:** A1

French

LISTENING: A1 **READING:** B1 **WRITING:** B1

SPOKEN PRODUCTION: B1 **SPOKEN INTERACTION:** B1

pidgin

LISTENING: A1 **READING:** A1 **WRITING:** A1

SPOKEN PRODUCTION: A1 **SPOKEN INTERACTION:** A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

SKILLS

Digital skill

Programming Languages

- **TypeScript**
- **NodeJS** (Server-side runtime)

Frameworks & Libraries

- **Frontend:** React, Tailwind CSS
- **Backend:** NestJS, Prisma (ORM)
- **Testing:** Jest
- **Others :** JavaFX

Databases & Backend Development

- **Relational Databases:** PostgreSQL, MySQL ,
- **Architecture:** RESTful API Design
- **Others :** XAMP

Infrastructure & Tools

- **DevOps:** Docker
- **Version Control:** Git
- **Formal Design:** Rodin
- **Others :** UML , VScode ,
- **Productivity:** High-speed touch typing (70 WPM, 95% accuracy)

Management and Leadership Skills

Head Coach | Computer Engineering Football Team (2024–2025)

- **Team Leadership:** Coordinated training, developed tactical strategies, and fostered team cohesion.
- **Strategic Planning:** Applied tactical analysis and mental discipline (further refined through competitive Lawn Tennis).

Other Skills (Technical Trades)

- **Technical Trades:** Practical experience in carpentry and basic electrical systems; capable of precise manual repairs.
- **Domain Expertise:** Deep knowledge of agriculture and sustainable ecosystems; used domain insights to identify market gaps and bridge informal community

networks through the 'mouth-to-ear' loops for Local Hand

CERTIFICATIONS

[IBM, 12/05/2024]

Enterprise Design Thinking Practitioner

Mastered IBM's framework for scaling human-centered design through the "Loop" methodology (Observe, Reflect, Make). Developed technical alignment using "Hills" to define specific user outcomes and "Playbacks" to synchronize diverse stakeholder requirements within complex project lifecycles.

Mode of Learning: Hybrid

[IBM, 02/04/2024]

Enterprise Design Thinking Coach

I am certified to guide and mentor teams in using the Enterprise Design Thinking framework to solve complex problems. I facilitate high-level workshops, help groups stay focused on user-centered outcomes, and navigate teams through agile processes. This proves my ability to coach others and lead professional innovation projects.

Mode of Learning: Hybrid

[IBM, 01/04/2024]

Enterprise Design Thinking Co-creator and Leadership

This certification validates my role as an active leader in driving design thinking initiatives across an organization. I specialize in forming diverse, empowered teams and creating the right conditions for them to repeatedly deliver high-impact results. It demonstrates my skill in strategic alignment and leading large-scale human-centered change.

Mode of Learning: Hybrid

HONOURS AND AWARDS

[17/06/2025]

Silver medalist-Departmental cup Awarding institution: FET, University of Buea

Led the Computer Engineering football team to a silver medal (2nd place) out of 12 competing departments. Utilized strategic coaching and athletic leadership to manage team dynamics and tactical execution. This achievement demonstrates my ability to balance intense academic studies with high-level team coordination and competitive success.

[25/07/2019]

JESAM Academic Excellence Award. Awarding institution: JESAM Committee / Regional Authorities (West Region, Cameroon)

Awarded for outstanding academic achievement during the 2019 GCE Advanced Level session. Ranked as a top-performing student in the West Region of Cameroon, achieving a high-distinction score of 15/20 points. This honor recognizes exceptional discipline, intellectual capability, and academic excellence within a highly competitive national pool.

CONFERENCES & SEMINARS

[05/12/2025 - 06/12/2025]

UB-CSC Open Door Day & Cyber Innovation Pitch Challenge Buea

Participated in a 2-day challenge focused on developing and pitching innovative security solutions. Engaged in technical workshops on cyber defense and collaborated with peers to refine project ideas. Contributed to expert-led Q&A sessions, demonstrating strong analytical thinking and a commitment to solving modern digital threats

[26/09/2025 - 26/09/2025]

Securing the Future: Navigating Academic and Career Pathways in Cybersecurity live online session

Expert Vianney Forewah provided a comprehensive roadmap for navigating academic certifications and high-demand cybersecurity roles.

As a participant, I explored bridging the global talent gap by balancing technical skills with digital rights awareness.

- [26/03/2025 - 26/03/2025] **Participant / Software engineer, Hustlers Conference 2024** youth center Buea, Cameroon
- Engaged in technical workshops and innovation sessions focused on software development and entrepreneurship. Collaborated with industry experts and peers to explore scalable solutions and technical excellence within the African tech ecosystem.
- [06/12/2024 - 12/12/2024] **Cybersecurity Meets Culture" Workshop** Biaka University Institute of Buea (BUIB)
- Participated in an international workshop comparing cybersecurity cultures between Cameroon and Switzerland. Engaged in cross-cultural discussions on digital safety and risk management strategies across different regulatory environments. This experience broadened my global perspective on how cultural factors influence cybersecurity policy and individual user behavior.
- [25/08/2024 - 27/08/2024] **Technical Participant, City Hack Buea 2024** Buea, Cameroon (Buea Innovation Week)
- Engineered technical prototypes during a 48-hour innovation challenge focused on the creative industry. Integrated startup branding and collaborative problem-solving strategies to build scalable solutions. Proven ability to work under high pressure to meet technical milestones and deliver impactful digital products
- [20/04/2024 - 20/04/2024] **University of Buea Cybersecurity Club (UB-CSC)** University of Buea [Nexgen Group/ American Corner Buea]
- Served as a co-organizer for the official launch and inaugural workshops of the UB Cybersecurity Club, managing event logistics and coordinating between student teams and industry partners like ANTIC. Actively facilitated interactive Q&A sessions with experts to bridge the gap between technical presentations and student inquiries. This role sharpened my skills in team leadership, event management, and technical communication within the cybersecurity domain

HOBBIES AND INTERESTS

Sports & Physical Discipline

I have maintained a lifelong commitment to physical health and team dynamics through football since childhood, developing leadership and endurance. I also actively play lawn tennis since 2021 and table tennis since 2023, which have sharpened my strategic thinking, reflexes, and individual discipline in competitive environments.

Political Discourse and Current Affairs

Active participant in political debates since 2009 and a dedicated reader of international newspapers since 2007. This long-term engagement has built my capacity for critical analysis, public speaking, and staying informed on global policy and development.

Literature & Intellectual Growth

An avid reader of novels and diverse literature since 2009. This hobby has enhanced my communication skills, expanded my vocabulary, and allowed me to explore complex human narratives and different cultural perspectives.

Environmental Stewardship

Passionate about the intersection of technology and nature conservation, dedicated to building digital solutions that empower sustainable farming and protect local

RECOMMENDATIONS

Name: Dr Nde Nguti PhD Vice Dean, FET UBuea

I have known them for several years through their studies at the University of Buea. They are wonderful in their proactive approach and academic excellence, graduating with Second-Class Upper Honors (GPA: 3.12/4.00). I strongly recommend them for their technical proficiency and excellent communication skills

Phone number: +237 675079262 | **Email:** nde.nguti@ubuea.cm

Name: Dr. SOP DEFFO Lionel Landry PhD Lecture & Final Year Supervisee

Over 4 years as his lecturer/supervisor, I highly recommend Tiani Pekins Ebika (GPA 3.12/4.00, 2nd Class Upper Honors). He is a studious, articulate communicator with a proven track record of high-quality project reports and excellent collaborative skills. He possesses the intellectual capacity and commitment to excel in any graduate or professional role

Phone number: +237 698962166 | **Email:** sop.deffo@ubuea.cm

Name: Mr Takow Calvin CEO & Internship supervisor

I highly recommend Tiani Pekins Ebika for his exceptional work as a Backend Software Development Intern at Loop Technologies from August 2024 to February 2025. He successfully architected a robust RESTful API for our LoopEats platform using NestJS and TypeScript, demonstrating strong technical aptitude and attention to detail. Beyond software, Tiani showed great versatility by proactively assisting with network installations and CCTV security systems. He is a disciplined, methodical problem-solver with the self-motivation and analytical flexibility required for rigorous graduate study.

Phone number: +237 674081245 | **Email:** takowtakow@luptek.com